

WHAT IS CLAIMED IS:

1. A multifunction printer comprising a scanner section, a printer section, and reset means for resetting only the printer section even if the scanner section is operating.

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2. A multifunction printer according to claim 1, further comprising reception means for a printer section reset command for resetting the printer section, wherein

upon reception of the printer section reset command, the reset means resets only the printer section.

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3. A multifunction printer according to claim 1 comprising only one central processing unit.

4. A multifunction printer according to claim 3, wherein the reset means is realized by the central processing unit which executes at least

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a first task, upon reception of the printer section reset command, for writing dummy data interpreted as insignificant data as print data into an input buffer for storing print data transmitted from a computer as print data; and

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a second task for reading the print data stored in the input buffer and expanding the data into image data.

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5. A multifunction printer according to claim 4,

wherein the reset means further comprises as a task executed by the central processing unit:

a third task, upon reception of the printer section reset command, for setting reset identification information  
5 indicating that the printer section is being reset.

6. A multifunction printer according to claim 5,  
wherein the second task has highest-order main loop process  
and a low-order loop process deriving in a nested loop manner  
10 from the main loop process and wherein when the reset  
identification information is set, the low-order loop process  
exits the process and returns to the high-order loop process.

7. A multifunction printer according to claim 6,  
15 wherein when the current mode is a character mode for printing  
character data, the second task performs processing for  
determining whether or not the dummy data occurs continuously  
a predetermined number of times or more and wherein when the  
current mode is a graphic mode for printing graphic data, the  
20 second task skips the determination processing.

8. A multifunction printer according to claim 2,  
further comprising:

data expansion processing means for expanding received  
25 print data, when the reset means receives the printer section

reset command, the data expansion processing means for terminating expanding the print data in progress; and

low-order processing means being started by the data expansion processing means, when a predetermined time has elapsed since the low-order processing means was started, the low-order processing means returning to the data expansion processing means if the processing does not terminate.

9. A multifunction printer according to claim 8, further comprising print engine initialization means for restoring a print engine to an initial state if expanding the print data by the data expansion processing means terminates in progress.

10. A multifunction printer according to claim 9, wherein after the print engine initialization means restores the print engine to the initial state, the setup state of the data expansion processing means is restored to the initial state.

11. A control method of a multifunction printer having a scanner section and a printer section, comprising a step of resetting only the printer section, even if the scanner section is operating.

12. A program for causing a multifunction printer

having a scanner section and a printer section to execute a reset step of resetting only the printer section even if the scanner section is operating.

- 5            13.    A record medium recording a program for causing a multifunction printer having a scanner section and a printer section to execute a reset step of resetting only the printer section even if the scanner section is operating.